

contd A1

said emitting means serves to emit electromagnetic field, and said receiving means comprises a multiplicity of electromagnetic field sensing devices arranged to be distributed across said stream.

A1.

[Add the following claim:]

175. Apparatus according to claim 173 and further comprising first and second advancing means serving to advance through said station the respective first and second streams.

REMARKS

Claims 144, 145, 148-154, 156-166, 168-175 remain in the application.

A set of formal drawings is attached.

Claim 144 differs from the prior art since it includes the steps of scanning the section and more particularly because the scanning is performed in respect of a plurality of discrete detection zones distributed across said stream --- and more particularly the determining step is further characterized by being performed for each detection zone in respect of a plurality of said wavelengths simultaneously. Such specific steps are not found in the prior art.

Claim 173 differs from the prior art since it calls for "a receiving device serving to receive detection medium varied by variations in the composition of said matter at said sections, and thus being common to both of the first and second streams" and more particularly, the claim calls for a specific data production including "and second detection data as to respective constituents of said first and second streams". Such a method is not taught in the prior art.

Claim 174 recites apparatus that includes "receiving means at said station arranged

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to extend physically across substantially the width of said stream serving to receive detection medium varied by variations in the composition of said matter at said section," and more particularly, a specific emitting means "to emit electromagnetic field, and said receiving means comprises a multiplicity of electromagnetic field sensing devices arranged to be distributed across said stream." Such apparatus is not found in the prior art.

The remaining claims are dependent from the prior claims and differ from the prior art for the same reasons.

In view of the aforesaid rewritten claims and amendments, the application only includes allowable subject matter. Early issue is respectfully requested.

The Commissioner is authorized to charge any fee or credit any overpayment to our Deposit Account No. 50-0852.

Respectfully submitted,

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